WHAT IS CLAIMED IS:

1. A pharmaceutical composition in unit dosage form comprising a salt, the salt comprising an acid of an artificial sweetener and a compound of formula (I):

$$X \xrightarrow{D}_{(B)_n} A$$
 R^1
 R^3

wherein

 R^1 , R^2 and R^3 are the same or different and are: -H, C_1 - C_6 alkyl, C_3 - C_5 alkenyl, C_3 - C_5 alkynyl, C_3 - C_5 cycloalkyl, C_4 - C_{10} cycloalkyl, phenyl substituted C_1 - C_6 alkyl, -NR₁R₂ where R₁ and R₂ are cyclized with the attached nitrogen atom to produce pyrrolidiyl, piperidinyl, morphoninyl, 4-methyl piperazinyl or imidazolyl;

X is: -H, C₁-C₆ alkyl, -F, -Cl, -Br, -I, -OH, C₁-C₆ alkoxy, cyano, carboxamide, carboxyl, (C₁-C₆ alkoxy)carbonyl;

A is: CH, CH₂, CH-(halogen) (where halogen is Cl, F, Br, or I), CHCH₃, C=O, C=S, C-SCH₃, C=NH, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, SO₂, N;

B is: CH₂, CH, CH-(halogen) where halogen is as defined above, C=O, N, NH, N-CH₃,

D is: CH, CH₂, CH-(halogen) where halogen is as defined above, C=O, O, N, NH, N-CH₃; and n is 0 or 1, and where is a single or double bond, with the provisos:

(1) that when n is 0, and

A is CH₂, CH-(halogen) where halogen is as defined above, CHCH₃, C=O, C=S, C=NH, SO₂; then

D is CH₂, CH-(halogen) where halogen is as defined above, C=O, O, NH, N-CH₃;

(2) that when n is 0, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOH₃, C-NHCN, N; then D is CH, N;

(3) that when n is 1, and

A is CH_2 , CH-(halogen) where halogen is as defined above, $CHCH_3$, C=O, C-S, C=NH, SO_2 ; and

B is CH₂, CH-(halogen) where halogen is as defined above, C=O, NH, N-CH₃; then D is CH₂, C=O, O, NH, N-CH₃;

(4) that when n is 1, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, N; and

B is CH, N; then

D is CH_2 , C=O, O, NH, N- CH_3 ;

(5) that when n is 1, and

A is CH₂, CHCH₃, C=O, C=S, C=NH, SO₂, and

B is CH, N; then

D is CH, N,

the unit dosage form comprising from about 0.05 mg to no more than about 8 mg of the compound of formula (I).

- 2. A pharmaceutical composition according to claim 1, wherein the artificial sweetener is selected from the group consisting of cyclamate, saccharin, aspartame, neotame, acesulfame, alitame and combinations thereof.
- 3. A pharmaceutical composition according to claim 2, wherein the artificial sweetener is cyclamate.

- 4. A pharmaceutical composition according to claim 2, wherein the artificial sweetener is saccharin.
- 5. A pharmaceutical composition according to claim 1, wherein the compound of formula (I) is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 6. A pharmaceutical composition according to claim 1, wherein the unit dosage form comprises from about 0.1 mg to about 3 mg of the compound of formula (I).
- 7. A pharmaceutical composition according to claim 6, wherein the unit dosage form comprises from about 0.25 mg to about 1 mg of the compound.
- 8. A pharmaceutical composition according to claim 1 comprising a crystalline salt, the crystalline salt comprising cyclamic acid and a compound of formula (I).
- 9. A pharmaceutical composition according to claim 8, wherein the compound of formula (I) is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 10. A pharmaceutical composition according to claim 9, which is in a unit dosage form comprising a dosage form comprising from about 0.05 mg to about 8 mg of the compound.
- 11. A pharmaceutical composition according to claim 10, which is in a unit dosage form comprising from about 0.1 mg to about 3 mg of the compound.
- 12. A pharmaceutical composition according to claim 11, which is in a unit dosage form comprising from about 0.25 mg to about 1 mg of the compound.

13. A method for treating sexual dysfunction in a subject, the method comprising orally administering to the subject a pharmaceutical composition in a unit dosage form comprising a salt, the salt comprising an acid of an artificial sweetener and a compound of formula (I):

$$X \xrightarrow{D \searrow (B)_{0}} A \xrightarrow{R^{1}} R^{2}$$

wherein

 R^1 , R^2 and R^3 are the same or different and are: -H, C_1 - C_6 alkyl, C_3 - C_5 alkenyl, C_3 - C_5 alkynyl, C_3 - C_5 cycloalkyl, C_4 - C_{10} cycloalkyl, phenyl substituted C_1 - C_6 alkyl, -NR₁R₂ where R₁ and R₂ are cyclized with the attached nitrogen atom to produce pyrrolidiyl, piperidinyl, morphoninyl, 4-methyl piperazinyl or imidazolyl;

X is: -H, C₁-C₆ alkyl, -F, -Cl, -Br, -I, -OH, C₁-C₆ alkoxy, cyano, carboxamide, carboxyl, (C₁-C₆ alkoxy)carbonyl;

A is: CH, CH₂, CH-(halogen) (where halogen is Cl, F, Br, or I), CHCH₃, C=O, C=S, C-SCH₃, C=NH, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, SO₂, N;

B is: CH₂, CH, CH-(halogen) where halogen is as defined above, C=O, N, NH, N-CH₃,

D is: CH, CH₂, CH-(halogen) where halogen is as defined above, C=O, O, N, NH, N-CH₃; and n is 0 or 1, and where is a single or double bond, with the provisos:

(1) that when n is 0, and

A is CH₂, CH-(halogen) where halogen is as defined above, CHCH₃, C=O, C=S, C=NH, SO₂; then

D is CH₂, CH-(halogen) where halogen is as defined above, C=O, O, NH, N-CH₃;

(2) that when n is 0, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOH₃, C-NHCN, N; then D is CH, N;

(3) that when n is 1, and

A is CH_2 , CH-(halogen) where halogen is as defined above, CHCH_3 , C=O, C-S, C=NH, SO_2 ; and

B is CH₂, CH-(halogen) where halogen is as defined above, C=O, NH, N-CH₃; then D is CH₂, C=O, O, NH, N-CH₃;

(4) that when n is 1, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, N; and

B is CH, N; then

D is CH_2 , C=O, O, NH, N- CH_3 ;

(5) that when n is 1, and

A is CH₂, CHCH₃, C=O, C=S, C=NH, SO₂, and

B is CH, N; then

D is CH, N,

the unit dosage form comprising from about 0.05 mg to no more than about 8 mg of the compound of formula (I).

- 14. A method according to claim 13 wherein the artificial sweetener is selected from the group consisting of cyclamate, saccharin, aspartame, neotame, acesulfame, alitame and combinations thereof.
 - 15. A method according to claim 14, wherein the artificial sweetener is cyclamate.
 - 16. A method according to claim 14, wherein the artificial sweetener is saccharin.

- 17. A method according to claim 13, wherein the compound of formula (I) is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 18. A method according to claim 13, wherein the unit dosage form comprising from about 0.1 mg to about 3 mg of the compound of formula (I).
- 19. A method according to claim 18, wherein the unit dosage form comprises from about 0.25 mg to about 1 mg of the compound.
- 20. A method according to claim 13, wherein the pharmaceutical composition comprises a crystalline salt, the salt comprising cyclamic acid and a compound of formula (I).
- 21. A method according to claim 20, wherein the compound is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 22. A method according to claim 21, wherein the pharmaceutical composition in unit dosage form comprises a dosage form comprising from about 0.05 mg to about 8 mg of the compound.
- 23. A method according to claim 22, wherein the unit dosage form comprising from about 0.05 mg to no more than about 8 mg of the compound of formula (I) is a unit dosage form comprising from about 0.1 mg to about 3 mg of the compound of formula (I).
- 24. A method according to claim 23, wherein the pharmaceutical composition in a unit dosage form comprises a dosage form comprising from about 0.25 mg to about 1 mg of the compound.

25. A method of making a crystalline salt, the crystalline salt comprising cyclamic acid and a compound of formula (I), the method comprising forming a solution comprising the compound of formula (I), the cyclamic acid, tetrahydrofuran and methanol, and forming the crystalline salt from the solution, wherein the compound of formula (I) is

$$X \xrightarrow{D \searrow (B)_n} A$$

where

 R^1 , R^2 and R^3 are the same or different and are: -H, C_1 - C_6 alkyl, C_3 - C_5 alkenyl, C_3 - C_5 alkynyl, C_3 - C_5 cycloalkyl, C_4 - C_{10} cycloalkyl, phenyl substituted C_1 - C_6 alkyl, -NR₁R₂ where R₁ and R₂ are cyclized with the attached nitrogen atom to produce pyrrolidiyl, piperidinyl, morphoninyl, 4-methyl piperazinyl or imidazolyl;

X is: -H, C_1 - C_6 alkyl, -F, -Cl, -Br, -I, -OH, C_1 - C_6 alkoxy, cyano, carboxamide, carboxyl, (C_1 - C_6 alkoxy)carbonyl;

A is: CH, CH₂, CH-(halogen) (where halogen is Cl, F, Br, or I), CHCH₃, C=O, C=S, C-SCH₃, C=NH, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, SO₂, N;

B is: CH₂, CH, CH-(halogen) where halogen is as defined above, C=O, N, NH, N-CH₃,

D is: CH, CH₂, CH-(halogen) where halogen is as defined above, C=O, O, N, NH, N-CH₃; and n is 0 or 1, and where is a single or double bond, with the provisos:

(1) that when n is 0, and

A is CH₂, CH-(halogen) where halogen is as defined above, CHCH₃, C=O, C=S, C=NH, SO₂; then

D is CH₂, CH-(halogen) where halogen is as defined above, C=O, O, NH, N-CH₃;

(2) that when n is 0, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOH₃, C-NHCN, N; then D is CH, N;

(3) that when n is 1, and

A is CH_2 , CH-(halogen) where halogen is as defined above, $CHCH_3$, C=O, C-S, C=NH, SO_2 ; and

B is CH₂, CH-(halogen) where halogen is as defined above, C=O, NH, N-CH₃; then D is CH₂, C=O, O, NH, N-CH₃;

(4) that when n is 1, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, N; and

B is CH, N; then

D is CH_2 , C=O, O, NH, N- CH_3 ;

(5) that when n is 1, and

A is CH₂, CHCH₃, C=O, C=S, C=NH, SO₂, and

B is CH, N; then

D is CH, N.

- 26. A method according to claim 25, wherein the compound is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 27. A method according to claim 25, wherein the dissolved compound of formula (I) and the cyclamic acid added to the solution are in a molar ratio of about 1:2 to about 2:1.
- 28. A method according to claim 27, wherein, the dissolved compound of formula (I) and the cyclamic acid added to the solution are in a molar ratio of about 1:1.4 to about 1.4:1.

29. A method of increasing sexual desire, interest or performance in a human who is desirous thereof, the method comprising orally administering to the human a pharmaceutical composition in unit dosage form comprising a salt, the salt comprising an acid of an artificial sweetener and a compound of formula (I):

$$X \xrightarrow{D}_{(B)_0} A$$

wherein

 R^1 , R^2 and R^3 are the same or different and are: -H, C_1 - C_6 alkyl, C_3 - C_5 alkenyl, C_3 - C_5 alkynyl, C_3 - C_5 cycloalkyl, C_4 - C_{10} cycloalkyl, phenyl substituted C_1 - C_6 alkyl, -NR₁R₂ where R₁ and R₂ are cyclized with the attached nitrogen atom to produce pyrrolidiyl, piperidinyl, morphoninyl, 4-methyl piperazinyl or imidazolyl;

X is: -H, C₁-C₆ alkyl, -F, -Cl, -Br, -I, -OH, C₁-C₆ alkoxy, cyano, carboxamide, carboxyl, (C₁-C₆ alkoxy)carbonyl;

A is: CH, CH₂, CH-(halogen) (where halogen is Cl, F, Br, or I), CHCH₃, C=O, C=S, C-SCH₃, C=NH, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, SO₂, N;

B is: CH₂, CH, CH-(halogen) where halogen is as defined above, C=O, N, NH, N-CH₃,

D is: CH, CH₂, CH-(halogen) where halogen is as defined above, C=O, O, N, NH, N-CH₃; and n is 0 or 1, and where —— is a single or double bond, with the provisos:

(1) that when n is 0, and

A is CH₂, CH-(halogen) where halogen is as defined above, CHCH₃, C=O, C=S, C=NH, SO₂; then

D is CH₂, CH-(halogen) where halogen is as defined above, C=O, O, NH, N-CH₃;

(2) that when n is 0, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOH₃, C-NHCN, N; then D is CH, N;

(3) that when n is 1, and

A is CH_2 , CH-(halogen) where halogen is as defined above, $CHCH_3$, C=O, C-S, C=NH, SO_2 ; and

B is CH₂, CH-(halogen) where halogen is as defined above, C=O, NH, N-CH₃; then D is CH₂, C=O, O, NH, N-CH₃;

(4) that when n is 1, and

A is CH, C-SCH₃, C-NH₂, C-NHCH₃, C-NHCOOCH₃, C-NHCN, N; and B is CH, N; then

D is CH₂, C=O, O, NH, N-CH₃;

2, 1 1, 1, 1, 1

(5) that when n is 1, and

A is CH₂, CHCH₃, C=O, C=S, C=NH, SO₂, and B is CH, N; then

D is CH, N,

the unit dosage form comprising from about 0.05 mg to no more than about 8 mg of the compound of formula (I).

- 30. A method according to claim 29 wherein the artificial sweetener is selected from the group consisting of cyclamate, saccharin, aspartame, neotame, acesulfame, alitame and combinations thereof.
 - 31. A method according to claim 30, wherein the artificial sweetener is cyclamate.
 - 32. A method according to claim 30, wherein the artificial sweetener is saccharin.

- 33. A method according to claim 29, wherein the compound of formula (I) is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 34. A method according to claim 29, wherein the unit dosage form comprises from about 0.1 mg to about 3 mg of the compound of formula (I).
- 35. A method according to claim 34, wherein the unit dosage form comprises from about 0.25 mg to about 1 mg of the compound of formula (I).
- 36. A method according to claim 29, wherein the pharmaceutical composition comprises a crystalline salt, the crystalline salt comprising cyclamic acid and a compound of formula (I).
- 37. A method according to claim 36, wherein the compound is (R)-5,6-dihydro-5-(methylamino)-4H-imidazo[4,5-i,j]-quinoline-2(1H)-thione.
- 38. A method according to claim 37, wherein the pharmaceutical composition is in a unit dosage form, the dosage form comprising from about 0.05 mg to about 8 mg of the compound.
- 39. A method according to claim 38, wherein the unit dosage form comprises from about 0.1 mg to about 3 mg of the compound.
- 40. A method according to claim 39, wherein the pharmaceutical composition is in a unit dosage form comprising from about 0.25 mg to about 1 mg of the compound.